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L1: Entry 3 of 3

File: USPT

Nov 16, 1999

US-PAT-NO: 5985635DOCUMENT-IDENTIFIER: US 5985635 A

TITLE: Nucleic acids encoding novel human serine/threonine protein kinases

DATE-ISSUED: November 16, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bandman; Olga	Mountain View	CA		
Goli; Surya K.	Sunnyvale	CA		
Hillman; Jennifer L.	San Jose	CA		

US-CL-CURRENT: 435/194; 435/252.3, 435/254.11, 435/320.1, 435/325, 435/69.1, 536/23.2, 536/24.31

## CLAIMS:

What is claimed is:

1. An isolated and purified nucleic acid molecule consisting of SEQ ID NO:2.
2. A hybridization probe comprising the isolated and purified nucleic acid molecule of claim 1.
3. An expression vector containing the nucleic acid molecule of claim 1.
4. A host cell containing the expression vector of claim 3.
5. A method for producing a polypeptide comprising the amino acid sequence of SEQ ID NO:1, the method comprising the steps of:
  - a) culturing the host cell of claim 4 under conditions suitable for the expression of the polypeptide; and
  - b) recovering the polypeptide from the host cell culture.
6. An isolated and purified nucleic acid molecule which is completely complementary to SEQ ID NO:2.

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L1: Entry 2 of 3

File: USPT

Dec 5, 2000

US-PAT-NO: 6156523

DOCUMENT-IDENTIFIER: US 6156523 A

TITLE: Serine/threonine protein kinases

DATE-ISSUED: December 5, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bandman; Olga	Mountain View	CA		
Tang; Y. Tom	San Jose	CA		
Goli; Surya K.	San Jose	CA		
Corley; Neil C.	Mountain View	CA		
Guegler; Karl J.	Menlo Park	CA		
Gorgone; Gina A.	Boulder Creek	CA		
Hillman; Jennifer L.	Mountain View	CA		

US-CL-CURRENT: 435/7.1; 424/94.1, 424/94.3, 435/183, 435/194, 435/69.1, 530/350,  
536/23.1, 536/23.5

## CLAIMS:

What is claimed is:

1. A substantially purified polypeptide comprising an amino acid sequence selected from the group consisting of SEQ ID NO:1 and SEQ ID NO:2.
2. A pharmaceutical composition comprising the polypeptide of claim 1 in conjunction with a suitable pharmaceutical carrier.
3. A method for using a polypeptide to screen a library of molecules or compounds to identify at least one molecule or compound which specifically binds the polypeptide, the method comprising:
  - a) combining the polypeptide of claim 1 with the library of molecules or compounds under conditions to allow specific binding; and
  - b) detecting specific binding, thereby identifying a molecule or compound which specifically binds the polypeptide.
4. The method of claim 3 wherein the library of molecules or compounds is selected from the group consisting of DNA molecules, peptides, agonists, antagonists, antibodies, immunoglobulins and pharmaceutical agents.
5. A method of using a polypeptide to purify a molecule or compound which specifically binds the polypeptide from a sample, the method comprising:
  - a) combining the polypeptide of claim 1 with a sample under conditions to allow specific binding;
  - b) recovering the bound polypeptide; and

c) separating the polypeptide from the molecule or compound, thereby obtaining purified molecule or compound from the sample.

**From:** Chan, Christina  
**Sent:** Wednesday, August 27, 2003 4:45 PM  
**To:** Ramirez, Delia; STIC-Biotech/ChemLib  
**Subject:** RE: rush 09/762,258

Please rush. Thanks Chris

*Chris Chan*

TC 1600 New Hire Training Coordinator and SPE 1644  
308-3973  
CM-1, 9B19

-----Original Message-----

**From:** Ramirez, Delia  
**Sent:** Wednesday, August 27, 2003 4:42 PM  
**T :** Chan, Christina  
**Subject:** rush 09/762,258

Hi Christina,

I have an after final which appears to be allowable. I was wondering if you could authorize the following interference search to STIC. I need seq id 1 and 2 in the nucleic acid databases.

Thank you very much,

Delia Ramirez

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Searcher: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Location: \_\_\_\_\_  
Date Picked Up: \_\_\_\_\_  
Date Completed: \_\_\_\_\_  
Searcher Prep/Review: \_\_\_\_\_  
Clerical: \_\_\_\_\_  
Online time: \_\_\_\_\_

TYPE OF SEARCH:  
NA Sequences: \_\_\_\_\_  
AA Sequences: \_\_\_\_\_  
Structures: \_\_\_\_\_  
Bibliographic: \_\_\_\_\_  
Litigation: \_\_\_\_\_  
Full text: \_\_\_\_\_  
Patent Family: \_\_\_\_\_  
Other: \_\_\_\_\_

VENDOR/COST (where applic.)  
STN: \_\_\_\_\_  
DIALOG: \_\_\_\_\_  
Questel/Orbit: \_\_\_\_\_  
DRLink: \_\_\_\_\_  
Lexis/Nexis: \_\_\_\_\_  
Sequence Sys.: \_\_\_\_\_  
WWW/Internet: \_\_\_\_\_  
Other (specify): \_\_\_\_\_